

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

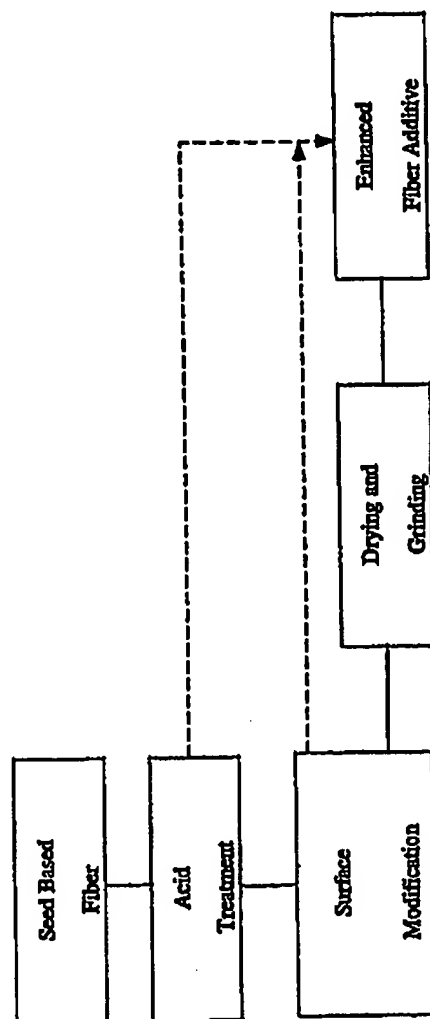
PATENT NO. : 6,902,649 B1  
APPLICATION NO. : 09/689994  
DATED : June 7, 2005  
INVENTOR(S) : Satyavolu et al.

Page 1 of 5

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Drawings: Sheet 1 of 30: boxes and some of the lines do not show up on the drawing

**FIG. 1.**



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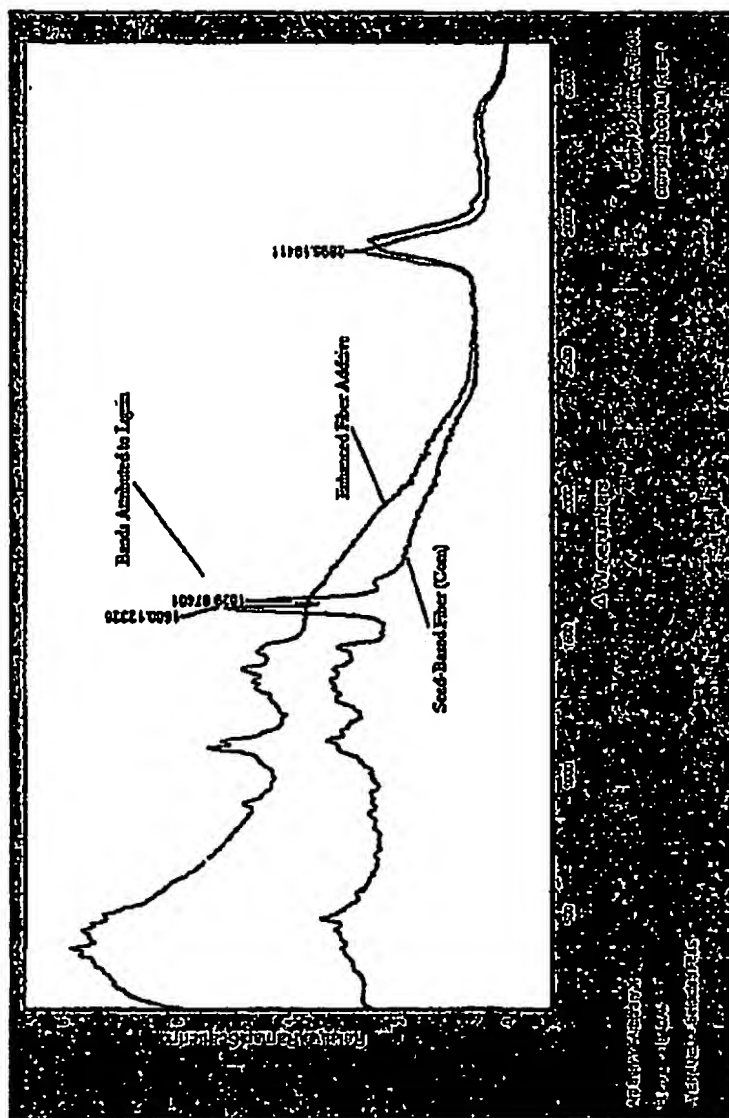
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Drawings, Sheet 4 of 30: the resolution of the drawing is poor

**FIG. 4**



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Drawings, Sheet 21 of 30: "Microfibrils 1 $\mu$  thick" is missing from the drawing

**FIG. 20**



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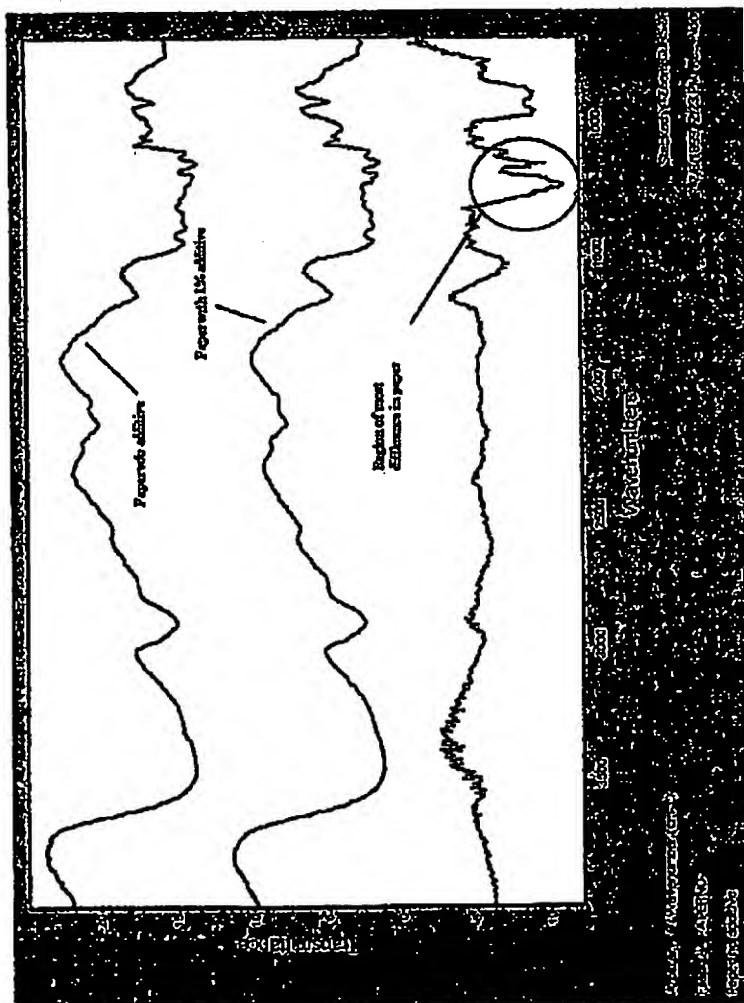
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Drawings, Sheet 22 of 30: the resolution of the drawing is poor

**FIG. 21**



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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 8, line 32: "about 500%." should read --about 500 wt. %.--

Col. 8, line 57: "carbohydrate to (including" should read --carbohydrate (including--

Col. 21, line 28, table 6: "Bulk (cm<sup>2</sup>/g)" should read --Bulk (cm<sup>3</sup>/g)--

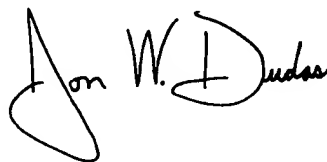
Col. 23, line 32, table 8: "Bulk (cm<sup>2</sup>/g)" should read --Bulk (cm<sup>3</sup>/g)--

Col. 33, line 35: "probe id" should read --probe is--

Col. 34, line 58: insert the heading --Results-- before the paragraph beginning with "Response factors"

Signed and Sealed this

Twenty-fifth Day of December, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*